

# ASH GROVE CEMENT COMPANY



"WESTERN REGION"

July 27, 2007

Puget Sound Clean Air Agency  
Attn: Fred Austin  
1904 3<sup>rd</sup> Avenue, Suite 105  
Seattle, WA. 98101

Dear Fred:

Please find enclosed the notice of completion for NOC 9578 and a method 9 visible **emission observation results** conducted on the new Limestone bucket elevator. These observations were made while the conveyor was in the normal operating mode.

If you have any questions, please call

Yours truly,

Gerald Brown  
EHS Manager.

**AGCS2M002386**

# Notice of Completion

## WARNING:

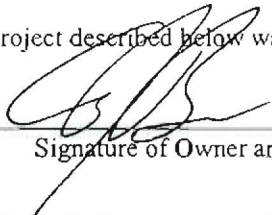
Regulation I, Section 6.09, requires that the owner or applicant notify the Agency of the completion of the work covered by the application and when its operation will begin. This form is provided for your convenience to assist you in complying with this part of the Regulation.

### APPLICANT or OWNER SECTION

Mail to: Puget Sound Clean Air Agency  
Compliance Division  
110 Union Street, Suite 500  
Seattle, Washington 98101-2038

The project described below was completed on

7/24/07



Signature of Owner and/or Applicant

EH&S Manager

Title

684-6221

Phone

7/24/07

Date

### FOR AGENCY USE ONLY

Notice of Construction No. 9578  
Registration No. 11339

#### Project Description

Limestone Conveyor Belt #311.BC4 at Tower TT3/4 controlled by existing 4800 cfm Baghouse (#311.BF2, PSCAA CE (37)) and Limestone Bucket Elevator at the 331 Tower controlled by existing 10,600 cfm Baghouse #331.BF4 (PSCAA CE (25)).

#### Applicant

Gerald Brown  
Ash Grove Cement Co, E Marginal  
3801 E Marginal Way S  
Seattle, WA, 98134

#### Owner

Ash Grove Cement Co, E Marginal  
3801 E Marginal Way S  
Seattle, WA, 98134

☒ Conditions on  
Reverse Side

#### Location

Ash Grove Cement Co, E Marginal, 3801 E Marginal Way S, Seattle, WA, 98134-1113

☐ Inspector Check ☐ Engineer FLA and Inspector check.

Follow up \_\_\_\_\_ (Estimated completion date plus 7)

Date Inspected \_\_\_\_\_

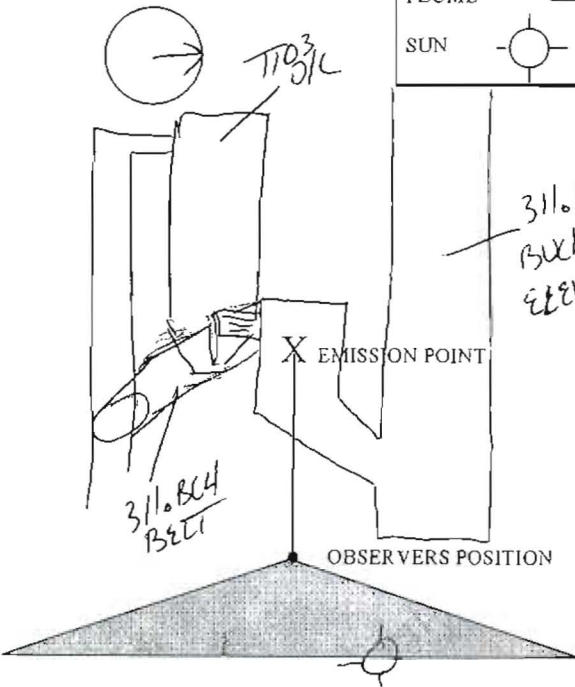
Inspector \_\_\_\_\_

#### Remarks

# VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME: ASHGROVE CEMENT			DATE: 7-24-07		START TIME: 07:05:15 PST	END TIME: 07:11:00 PST																																																																																																																																																																																								
ADDRESS: 3801 EAST MARGINAL WAY SOUTH			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">Sec min</th> <th style="width: 10%;">0</th> <th style="width: 10%;">15</th> <th style="width: 10%;">30</th> <th style="width: 10%;">45</th> <th rowspan="2">COMMENTS</th> </tr> <tr> <td>1</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>5</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>6</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>7</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>17</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>21</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>22</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>23</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>24</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>26</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>27</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>28</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>29</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Sec min	0	15	30	45	COMMENTS	1		0	0	0		2	0	0	0	0		3	0	0	0	0		4	0	0	0	0		5	0	0	0	0		6	0	0	0	0		7	0					8						9						10						11						12						13						14						15						16						17						18						19						20						21						22						23						24						25						26						27						28						29						30					
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CITY: SEATTLE	STATE: WA	ZIP: 98134																																																																																																																																																																																												
PROCESS EQUIPMENT: 311.8CU HEADPULLEY		OPERATING MODE: 75%																																																																																																																																																																																												
CONTROL EQUIPMENT: N/A		OPERATING MODE: N/A																																																																																																																																																																																												
DESCRIBE EMISSION POINT: 311.8CU TO 311 BEL DUMPOINT																																																																																																																																																																																														
SOURCE HEIGHT: 12'	HEIGHT RELATIVE TO OBSERVER: 12'																																																																																																																																																																																													
DISTANCE FROM OBSERVER: 36'	DIRECTION FROM OBSERVER: NW																																																																																																																																																																																													
VIEWING ANGLE TO PLUME: 18°																																																																																																																																																																																														
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EMISSION COLOR: N/A	IF WATER DROPLET PLUME: ATTACHED? <input type="checkbox"/> DETACHED? <input type="checkbox"/>																																																																																																																																																																																													
PLUME: TPO3 DIC	BACKGROUND COLOR: WHITE																																																																																																																																																																																													
WIND SPEED: 0.5 MPH	SKY CONDITIONS: CLOUDY																																																																																																																																																																																													
TEMPERATURE: 59°F	WIND DIRECTION: FROM NE																																																																																																																																																																																													
RELATIVE HUMIDITY: 67%																																																																																																																																																																																														

DRAW NORTH ARROW



WIND: →

PLUME: ○

SUN: ⊙

SUN LOCATION LINE

OBSERVERS NAME: James Schaeffer	
OBSERVERS SIGNATURE: <i>James Schaeffer</i>	DATE: 7-24-07
ORGANIZATION: ASHGROVE CEMENT	
CERTIFIED BY: Smoke School Inc.	EXP DATE: 08-21-2007
CERTIFICATION NUMBER: WA-FOO-41	

# VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME <b>ASHGROVE CEMENT</b>		DATE <b>7-24-07</b>		START TIME <b>06:54:00 PDST</b>		END TIME <b>06:59:45 PDST</b>	
ADDRESS <b>3801 EAST MARGINAL WAY SOUTH</b>		Sec min		0		15	
				30		45	
						COMMENTS	
CITY <b>SEATTLE</b>		STATE <b>WA</b>		ZIP <b>98134</b>			
PROCESS EQUIPMENT <b>311.BX4 TAILPULLEY</b>		OPERATING MODE <b>75%</b>					
CONTROL EQUIPMENT <b>TOWER 3 DUST COLLECTION</b>		OPERATING MODE <b>50%</b>					
DESCRIBE EMISSION POINT <b>DUMP POINT FROM 311.BX3 TO 311.BX4</b>							
SOURCE HEIGHT <b>6'</b>		HEIGHT RELATIVE TO OBSERVER <b>6'</b>					
DISTANCE FROM OBSERVER <b>18'</b>		DIRECTION FROM OBSERVER <b>NW</b>					
VIEWING ANGLE TO PLUME <b>18°</b>							
DESCRIBE EMISSIONS: <b>NONE</b>							
EMISSION COLOR <b>N/A</b>		IF WATER DROPLET PLUME: ATTACHED? <input type="checkbox"/> DETACHED? <input type="checkbox"/>					
PLUME BACKGROUND <b>GREEN TREES</b>		BACKGROUND COLOR <b>GREEN</b>					
WIND SPEED <b>0.5 MPH</b>		SKY CONDITIONS <b>CLOUDY</b>					
TEMPERATURE <b>59°F</b>		WIND DIRECTION <b>FROM N</b>					
RELATIVE HUMIDITY <b>67%</b>							
<p style="text-align: center;">DRAW NORTH ARROW</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> </div> <div> <p>WIND. </p> <p>PLUME. </p> <p>SUN </p> </div> </div> <div style="text-align: center; margin-top: 20px;"> </div> <p style="text-align: center;">SUN LOCATION LINE</p>							
ADDITIONAL INFORMATION:		OBSERVERS NAME: <b>James Schaeffer</b>					
		OBSERVERS SIGNATURE:		DATE: <b>7-24-07</b>			
		ORGANIZATION: <b>ASHGROVE CEMENT</b>					
		CERTIFIED BY: <b>Smoke School Inc.</b>		EXP DATE: <b>08-21-2007</b>			
		CERTIFICATION NUMBER: <b>WA-FOO-41</b>					